



BUS RAPID TRANSIT: IT'S NOT JUST FOR BIG CITIES ANYMORE

What exactly is BRT?

CHINESE MENU

Appetizers

C36. Egg Roll	1.60
C37. Vegetable Roll	1.50
C38. Spring Roll (Shrimp)	1.95
C39. Cheese Rangoon (6)	4.50
C40. Dim Sum (6) Shrimp and Pork	5.95
C41. Chicken Wings (8)	6.95
C42. Honey Garlic Wings or Spicy Wings (8)	7.95
C43. Cold Sesame Noodle	5.95
C44. Chicken Dumplings (6) (Steamed or Pan Fried)	5.95
C45. Pork Dumplings (6) (Steamed or Pan Fried)	5.95
C46. Fantail Shrimp (5)	7.95
C47. Teriyaki Chicken Sticks (4)	6.50
C48. Teriyaki Beef Sticks (4)	8.50
C49. BBQ Ribs (6)	9.50
C50. BBQ Boneless Ribs	8.95
C51. Appetizer Combo (for 2)	13.95
2 Egg Roll, 2 Beef Roll, 2 Pork, 2 Shrimp, 2 Wings and 2 Cheese Rangoon	
C52. French Fries	2.50
C53. Steamed Wonton (10) (with Sesame or Szechuan Sauce)	4.95

Soup

(Served with Crispy Noodle)

C54. Egg Drop Soup	1.75...3.25
C55. Wonton Soup	2.00...3.50
C56. Mix (Wonton & Egg Drop)	2.25...3.95
C57. Hot & Sour	2.50...4.50
C58. Chicken Rice Soup	1.95...3.75
C59. Roast Pork Rice Soup	1.95...3.75
C60. Chicken Noodle Soup	2.50...4.50
C61. Roast Pork Noodle Soup	2.50...4.50
C62. Tofu & Veg. Soup	3.00...4.95
C63. House Wonton	7.25

Lo Mein (Soft Noodle)

C64. Veg. Chicken or Pork	4.95...8.95
C65. Shrimp or Beef	6.25...9.75
C66. House Special	6.50...9.95

Rice Noodle (Chow Fun/Mei Fun)

C67. Chicken, Pork or Veg	9.95
C68. Shrimp or Beef	10.95
C69. House Special	11.50
C70. Singapore Curry	10.95
C71. Pad Thai (Chicken or Tofu)	10.95
C72. Pad Thai (Shrimp & Chicken)	12.95

Fried Rice

C73. Veg. Chicken or Pork	4.95...8.95
C74. Shrimp or Beef	5.95...8.95
C75. House Special	5.95...8.95
C76. Young Chow	6.50...9.50
C77. Veg Fried Brown Rice	5.95...8.95

Chow Mein

(Served with White Rice & Crispy Noodle)

C78. Chicken, Pork or Veg	6.50...8.95
C79. Shrimp or Beef	6.95...9.50
C80. House Special	7.50...9.95

Sweet & Sour

(Served with White Rice)

C81. Chicken or Pork	6.95...9.50
C82. Shrimp	11.50

Pork

(Served with White Rice)

C83. Pork with Mix. Veggies or Broccoli	9.50...9.50
C84. Pork with String Bean or Snow Peas	9.50
C85. Pork with Black Bean Sauce	9.50
C86. Pork with Garlic Sauce	9.50
C87. Szechuan or Twice Cooked Pork	9.50
C88. Moo Shu Pork (Served with 4 Wonton)	9.95

Beef

(Served with White Rice)

C89. Beef with Mix. Veg. or Broccoli	7.50...10.50
C90. Pepper Steak with Onions	7.50...10.50
C91. Beef with Snow Peas or String Bean	10.50
C92. Beef with Black Bean or Oyster Sauce	10.50
C93. Mongolian Beef	10.50
C94. Szechuan or Hunan Beef	10.50
C95. Kung Po Beef	10.50
C96. Thai Curry Beef	11.95
C97. Moo Shu Beef (Served with 4 wraps)	10.95

Poultry (White Meat)

(Served with White Rice)

C98. Chicken with Mix. Veggies or Broccoli	6.95...9.50
C99. Honey Garlic Chicken	9.50...9.50
C100. Moo Goo Gai Pan	6.95...9.50
C101. Szechuan or Hunan Chicken	9.50
C102. Kung Po Chicken	9.50
C103. Chicken with Garlic Sauce	9.50
C104. Chicken with Black Bean Sauce	9.50
C105. Chicken Cashew Nuts	9.50
C106. Chicken with Snow Peas or String Beans	9.95
C107. Thai Curry Chicken	10.95
C108. Moo Shu Chicken (Served with 4 wraps)	9.95

\$23.95

FAMILY PACK

Served with 1 Lg. Wonton or Egg Drop Soup, 1 Lg. Egg Fried Rice and Cheese Rangoon (6) and choose 2 of the following:
 (Lg) Chicken or Pork with Mixed Vegetables
 (Lg) Broccoli or Chicken with Garlic Sauce
 (Lg) Teriyaki Chicken Stir-Fry
 (Lg) Sweet & Sour or Honey Garlic Chicken
 (Lg) General or Sesame Chicken
 (Lg) Vegetable or Chicken Lo Mein

(Cannot be combined with any other offer and coupons)

Egg Foo Young

(Served with White Rice)

C202. Chicken or Pork or Vegetable (Spce).....	8.75
C203. Shrimp or House Special (Spce).....	9.25

Seafood

(Served with White Rice)

C109. Shrimp with Seafood Sauce.....	7.95...10.95
C110. Shrimp with Broccoli or Mix Veggies.....	7.95...10.95
C111. Shrimp with Snow Peas or String Bean.....	11.50
C112. Ginger Spicy Shrimp.....	11.50
C113. Szechuan or Hunan Shrimp.....	11.50
C114. Kung Po or Garlic Sauce Shrimp.....	11.50
C115. Shrimp with Cashew Nuts.....	11.50
C116. Thai Curry Shrimp.....	12.95

Vegetarian Special

(Served with White Rice)

C117. Buddha Delight (Tofu & Veggies).....	6.95...8.95
C118. Broccoli or String Bean in Garlic Sauce.....	6.95...8.95
C119. Szechuan or Hunan Tofu.....	6.95...8.95
C120. Kung Po Tofu or Ma Po Tofu.....	9.50
C121. Curry Tofu & Veg.....	6.95...9.50
C122. Sesame or 1 General Tofu.....	6.95...9.50
C123. Eggplant in Garlic Sauce.....	6.95...9.50

Diet Watcher

(Served with White Rice, Brown Rice & 1/2 Extra)

C124. Steamed Mix. Veggies.....	8.50
C125. Steamed Chicken and Mix. Veggies.....	9.50
C126. Steamed Chicken & Tofu w/ Mix. Veggies.....	9.95
C127. Steamed Shrimp with Mix. Veggies.....	10.95
C128. Steamed Shrimp and Chicken with Veggies.....	11.50

Asian Specialties

(Served with White Rice)

C129. 1 General Chicken.....	11.95
C130. Volcano Shrimp.....	14.95
C131. Double Delight (Chicken and shrimp with mixed veg).....	11.50
C132. Orange or Sesame Chicken.....	11.95
C133. Triple Wonder (Shrimp, chicken, and pork with mixed vegetables in spicy black bean sauce).....	11.50
C134. Asian Grill Chicken or Beef (between chicken & beef with stir fry sauce vegetable in Teriyaki sauce).....	11.50
C135. Boca Supreme (Chicken, shrimp and scallop stir fried with onion and scallion in a special brown spicy sauce).....	14.95
C136. Four Forty One (Chicken, shrimp and pork with mixed vegetables in spicy brown sauce).....	11.50
C137. Orange or Sesame Beef.....	13.95
C138. Sesame Shrimp.....	13.95
C139. Happy Family (Shrimp, chicken, beef and pork with mix veg).....	14.95
C140. Seafood Delight.....	14.95
C141. Thai Red Curry Chicken.....	11.95
C142. Thai Red Curry Beef.....	12.95
C143. Scallop and Shrimp in Sticky Garlic Sauce.....	14.95
C144. Volcano Chicken.....	11.95

(Chicken with red beef & spicy sauce)

Price subject to change without notice.

COMBO PLATES

Lunch (11:30am-3:00pm)

Includes Fried Rice and Sides. Eggs (Not add \$1.00 extra)

Dinner (All Day)

Includes Egg Roll, Fried Rice and

Choice of Wonton, Miso, Moo or Hot & Sour Soup

C1 Chicken or Roast Pork Chow Mein	5.95...6.25
C2 Sweet & Sour Chicken or Pork	5.95...6.50
C3 Chicken or Pork Lo Mein	5.95...6.50
C4 Honey Garlic Chicken	5.95...6.50
C5 Buddha Delight (Tofu & Veggies)	5.95...6.50
C6 Beef or Shrimp Chow Mein	6.50...9.25
C7 Chicken or Pork w/ Mix. Veggies	6.50...8.95
C8 Beef or Shrimp with Broccoli	7.50...9.50
C9 Pepper Steak with Onions	7.50...9.50
C10 Chicken with Cashew Nuts	6.50...9.25
C11 Kung Po Chicken	6.50...9.25
C12 Shrimp with Seafood Sauce	7.50...9.25
C13 Chicken or Pork Garlic Sauce	6.50...8.95
C14 Szechuan or Hunan Chicken	6.50...8.95
C15 Thai Curry Chicken	7.50...9.95
C16 1 General or Orange Chicken	7.50...9.50
C17 Sesame Chicken	7.50...9.25
C18 BBQ or Boneless Ribs	7.50...9.95
C19 Moo Goo Gai Pan	6.50...8.95
C20 Chicken with Mushrooms	6.50...9.25
C22 Chicken or Pork Chow Fun	7.50...9.95
C23 Teriyaki Chicken Stir-Fry	6.50...9.25
C24 Pineapple Chicken	6.50...9.50
C25 Szechuan or Hunan Shrimp	7.50...9.50
C26 Shrimp with Garlic Sauce	7.50...9.50
C27 Double Delight (Shrimp and Chicken with Mix. Veggies)	7.50...9.50
C28 Chicken Wings	6.50...8.95
C29 House Lo Mein (Chicken, Chicken & Pork)	6.50...9.25
C31 Mongolian Beef	7.50...9.75
C32 Empress Chicken (Szechuan Chicken & Mix. Veggies)	7.50...9.50
C33 Shrimp Cashew Nuts	7.50...9.50
C34 Kung Po Shrimp	7.50...9.50
C301 Pad Thai Chicken or Tofu	7.50...9.95

Elements of BRT

- No two BRT lines are alike.
- Huge menu from which to choose ingredients.
- Use various elements that:
 - ▣ are available
 - ▣ are compatible with traffic and transit operations

Where BRT Works Best

- Medium-length to long bus route corridors.
- Where bus speeds are significantly slower than average auto speeds.
- Where demand and potential exist to attract riders by providing a more competitive travel time.

What puts the “Rapid” in Bus Rapid Transit?

- When the bus is in motion, it moves as fast as possible.
- When the bus is stopped, keep the “dwell time” as short as possible.
- Stop as infrequently as possible.

Does Size Matter?

System Size:	Not really
Federal Funding:	More than likely
TOD:	Probably



Elements of BRT

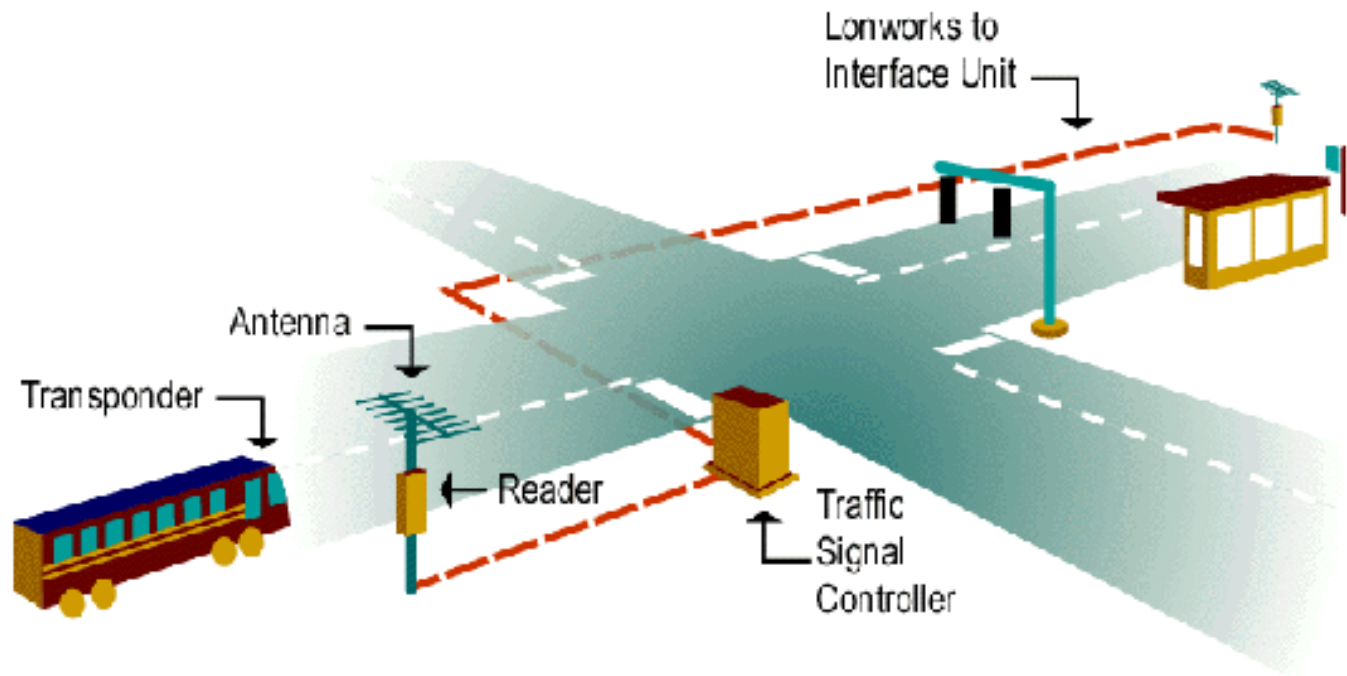
Exclusive Right-of-Way



Bus-Only Lanes



Preferential Traffic Treatment



Fewer Bus Stops



Faster Boarding and Exiting



Reliability, Convenience, Comfort and Safety

- ❑ Convenient all day service
- ❑ High capacity vehicles
- ❑ Clean and quiet buses
- ❑ Real time “next bus” information
- ❑ High quality, attractive styling
- ❑ Unique brand identity
- ❑ Distinctive stations



Today's Trend: Arterial BRT

(AKA: On-Street BRT, BRT Lite, Enhanced Bus Corridor)



Charlotte, NC



Ft. Worth, TX



Kansas City, MO



Houston, TX



Nashville, TN



Seattle, WA

The future of transit in the Roaring Fork Valley





The Importance of Stations

Comfort

- **Weather protection**
- **Waiting facilities**
 - seating
 - leaning
 - standing
- **Sufficient space for everyone**



Accessibility

- **ADA Compliant**
 - Accommodate persons with wheelchairs
 - Meet needs of visually impaired persons
- **Bicycles**
- **Not obstruct pedestrian movements along sidewalks**



Safety

- **Openness**
- **Visibility**
- **Lighting**
- **Link to emergency services**
- **Discourage loitering**



User Experience

- **System marker**
- **Station name**
- **Real-time “Next Bus”**
- **Static information:**
 - **System map**
 - **Route map**
 - **Schedules**
 - **Announcements**



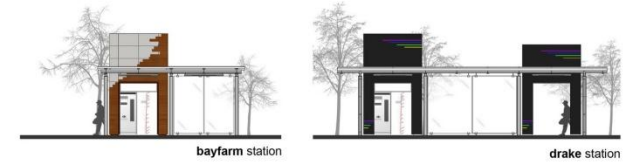
Community Experience

- Enhance urban
- Use solar power?
- Not interfere with businesses:
- Access
- Visibility
- Be well-maintained



Flexibility/ Adaptability

- Possible modular design
- Ridership levels at station stop
- Site conditions and constraints
- Maintain consistent look



BRT SHELTERS

Distinctive / Branded Design



Design/Procurement Approaches

- **Use an off-the shelf “stock” shelter.**
- **Modify a stock shelter.**
- **Commission a unique design, contract with a shelter manufacturer to fabricate.**
- **Commission a unique design, contract with a specialty fabricator.**

Unique design specially fabricated

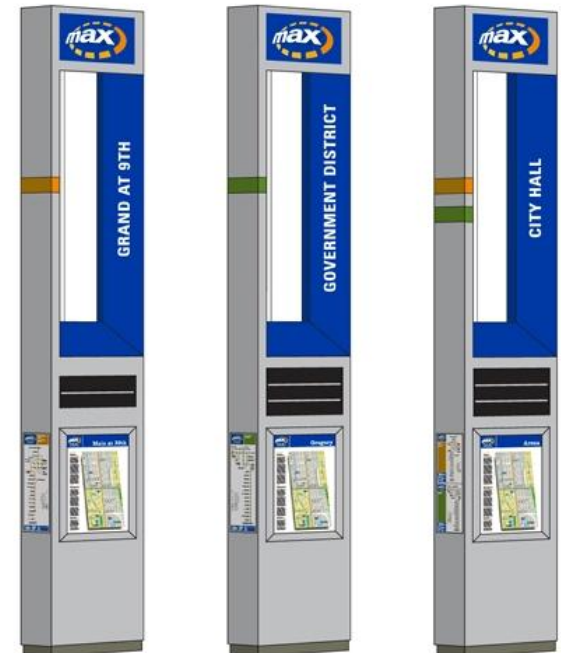


Kansas City, MO MAX





Average cost per station/shelter: \$300,000



Seattle, WA RapidRide





Custom design by shelter manufacturer



Duo-Gard Industries Canton, MI

Albany, NY BusPlus



Duo-Gard Industries Canton, MI



St. Paul, MN



Tampa, FL



Columbus, OH



Madison, WI



LNI Custom Manufacturing Hawthorne, CA

Minneapolis, MN MARQ2



LNI Custom Manufacturing Hawthorne, CA



Palm Desert, CA



Santa Monica, CA



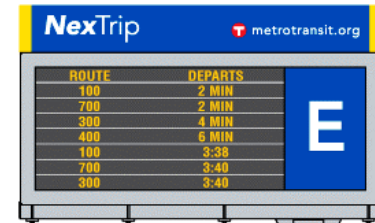
West Sacramento, CA





Bus
stop
sign

Push
for
audio
/



NexTrip
sign

“Stock” Shelters



Austin-Mohawk, Inc. Utica, NY



Tolar Manufacturing Corona, CA



Atlanta, GA



Sonoma, CA

Brasco International Madison Heights, MI





Arterial BRT: Examples



Snohomish County, WA

Swift BRT

Community Transit



- Fleet: 239 buses
- Annual ridership: 9.2m
- Annual operating budget: \$104m
- Dedicated funding source: sales tax (0.9%)
- Snohomish County service area population: 499,000
(Everett population: 104,000)

Snohomish County: Swift BRT

- Sponsor: Community Transit (CT),
Snohomish County
- Type: Suburban arterial
Right-side bus-only lanes
- Length: 16.7 miles
- Opened: 2009
- Cost: \$29.5 million

Service and Operations

- Monday-Saturday; no Sunday service.
- 10 min. peak, 20 min. nights and Saturday.
- Local buses are still in service: 20 min. frequency (CT's second busiest bus route).

Snohomish County, WA: Swift BRT





“Business Access Lanes”

- Along 39% of line
- Provides motorist access to businesses
- Remaining sections operate in mixed traffic



Signal Priority

- Along 10.5 miles of the line.
- Provide buses with a slightly longer “green” at station location intersections.

Vehicles



Vehicles



Stations

- Number of stations: 12
- Average spacing: every 1.4 miles
- Most widely-spaced stations of any U.S. on-street BRT line.

Stations

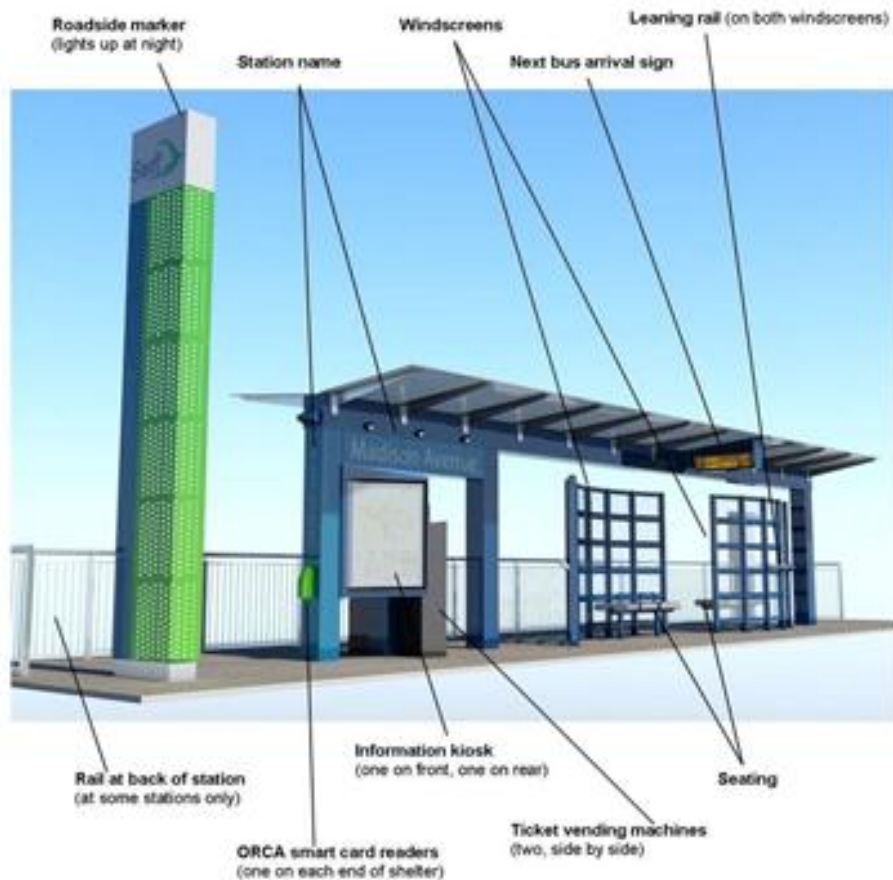


Image and Identity



Results

- Travel time: -29%
- Ridership: +25% (currently 6,000 passengers/day)
- Despite 5% systemwide ridership reduction in 2009 due to economic conditions and service cuts, Swift ridership increased 11%.



Akron, OH

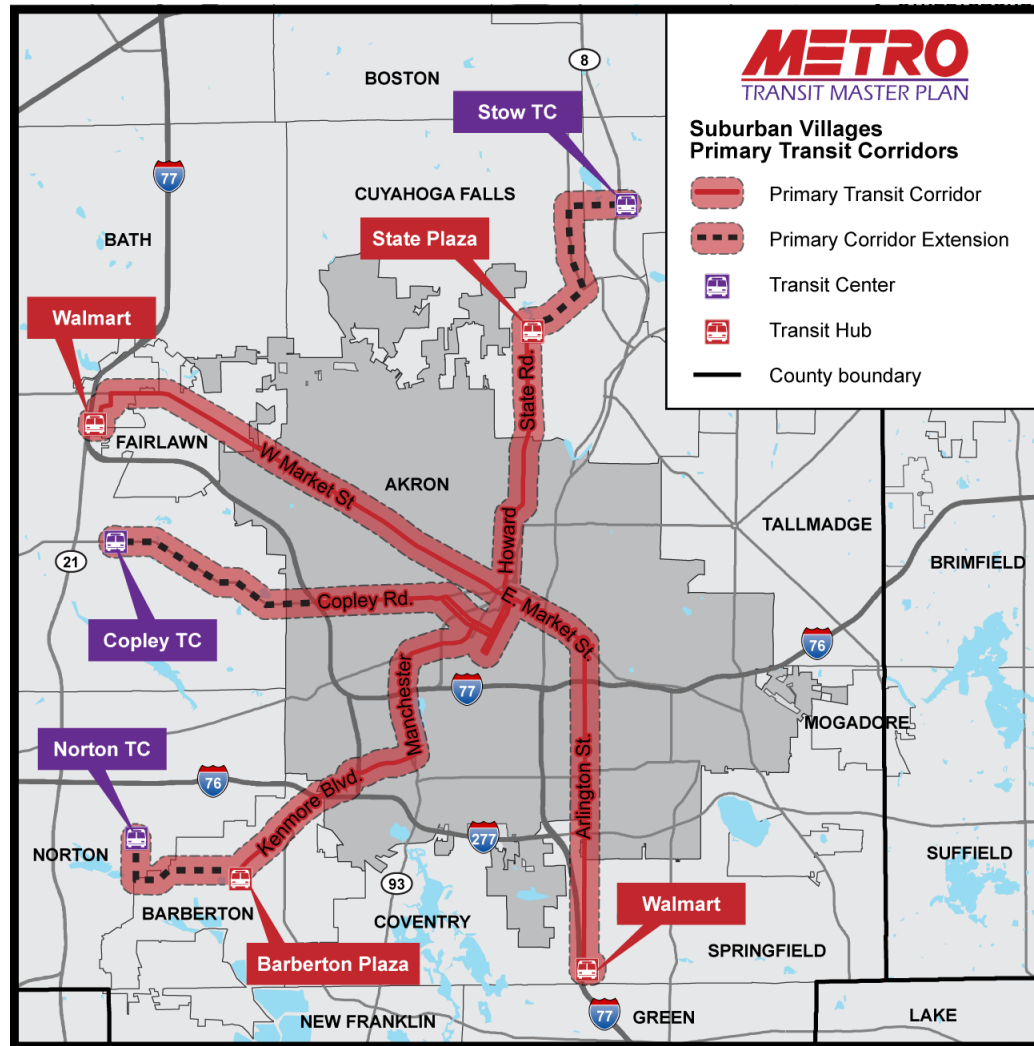
Market-Arlington BRT

Akron METRO



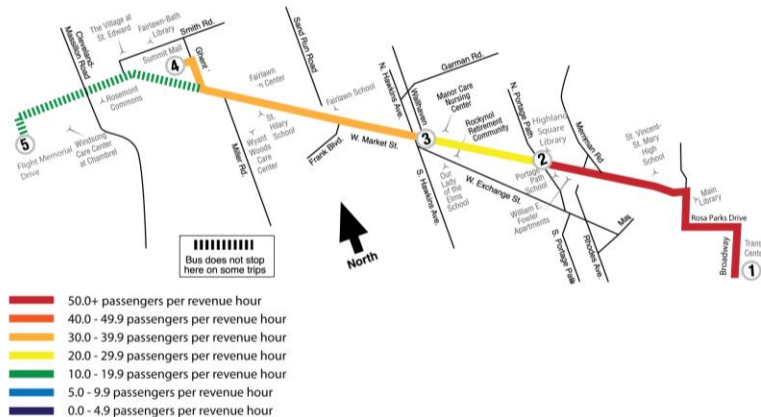
- Fleet: 201 buses
- Annual ridership: 5.0m
- Annual operating budget: \$35.9m
- Dedicated funding source: sales tax (0.50%)
- Summit County population: 540,000
(Akron population: 198,000)

Transit Master Plan Recommendation

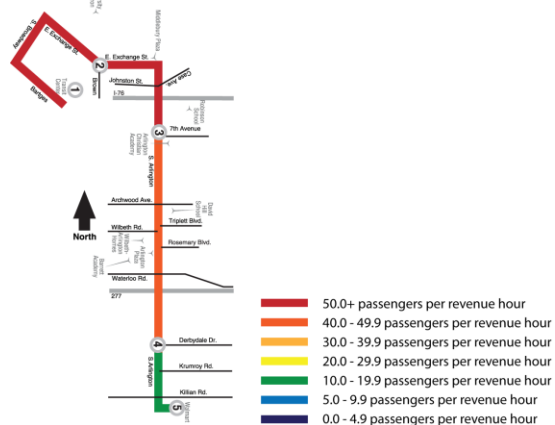


Study Area

1 West Market - 40.0 passengers per revenue hour

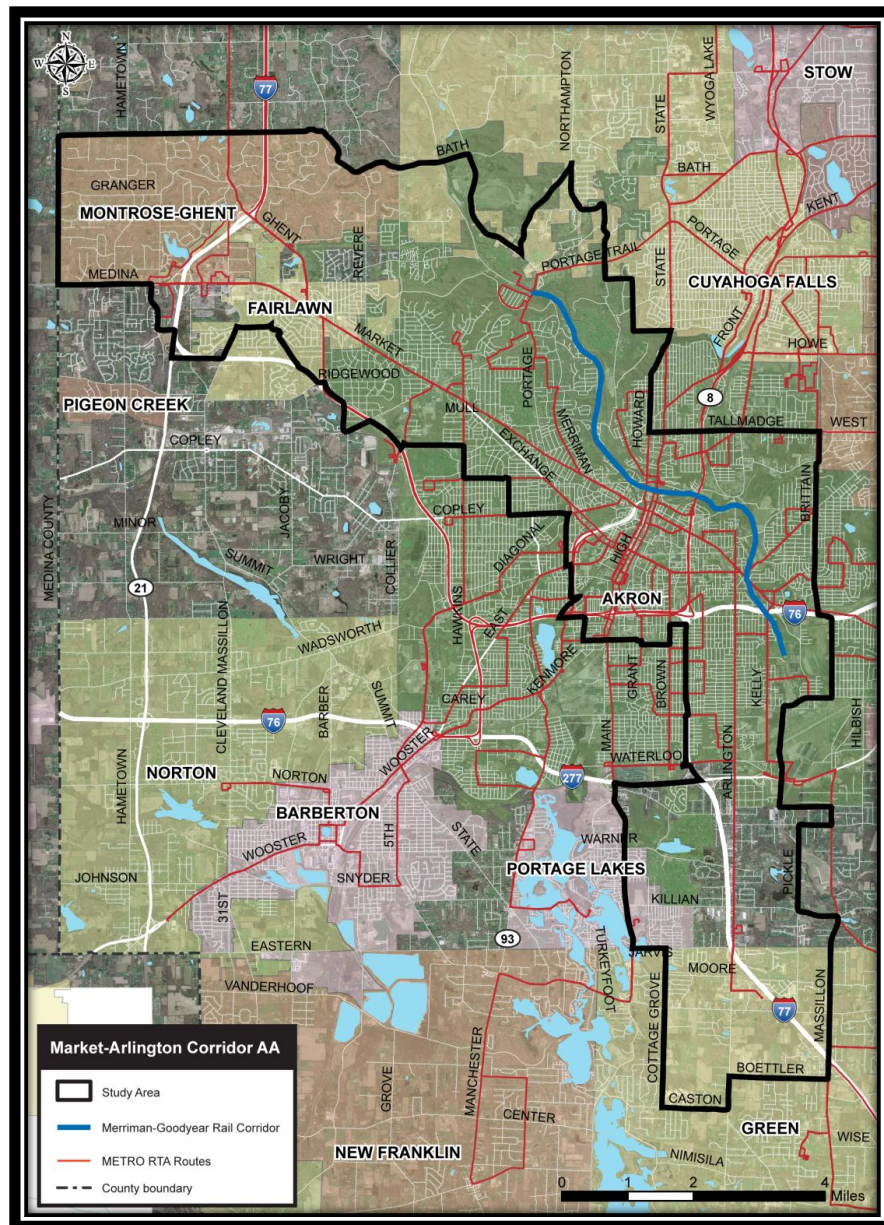


2 Arlington - 42.2 passengers per revenue hour



Weekday ridership:

- Route 1: 1,800
- Route 2: 1,500







□ Purpose and Need Statement:

The Market-Arlington Alternatives Analysis Study will develop a transportation improvement that facilitates transit connections between the northwest and southeast sides of Akron, addresses overcrowding on bus routes in the corridor, improves transit service for existing METRO riders, appeals to choice riders, and promotes new development within the City of Akron.

- Goal 1: Improve Transit Service and Connectivity
- Goal 2: Promote Livability Principles
- Goal 3: Maximize Environmental Benefits
- Goal 4: Develop a Financially Feasible Project

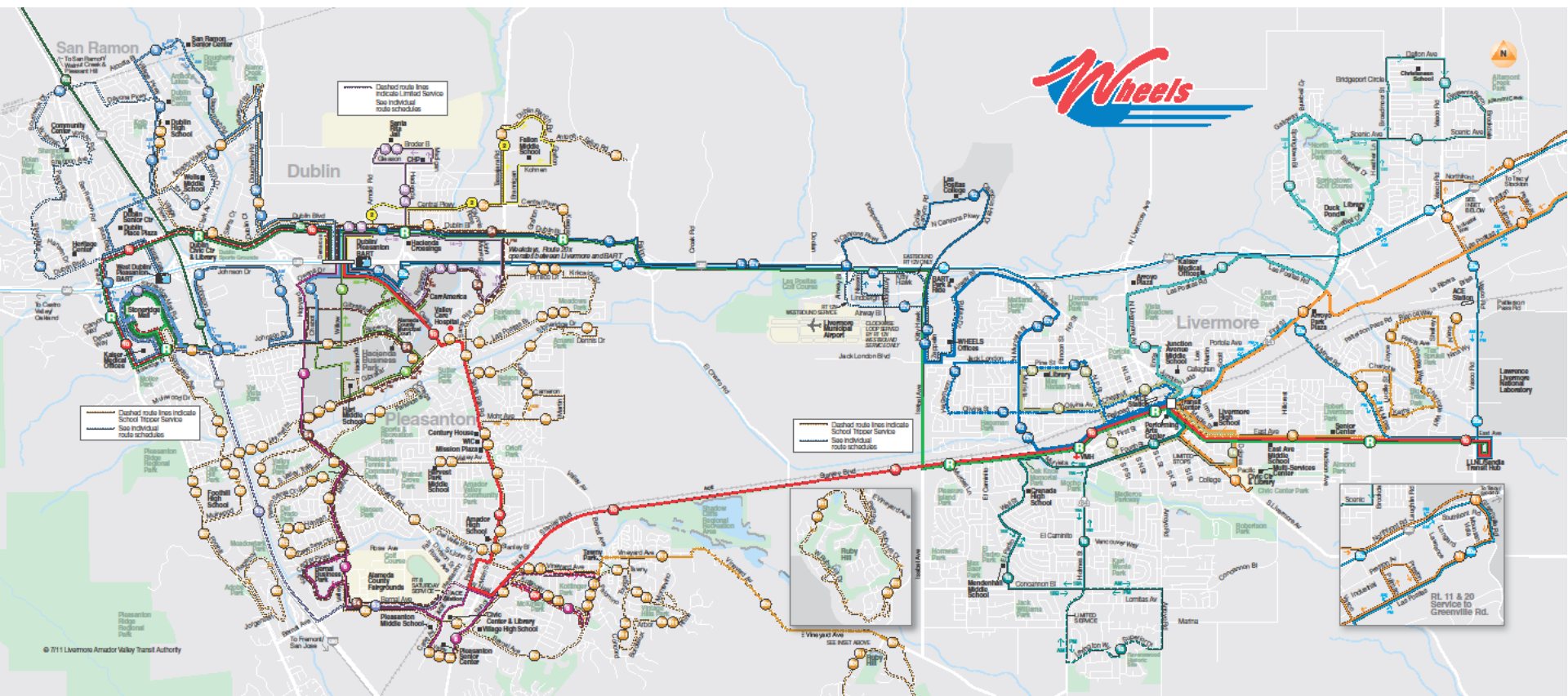


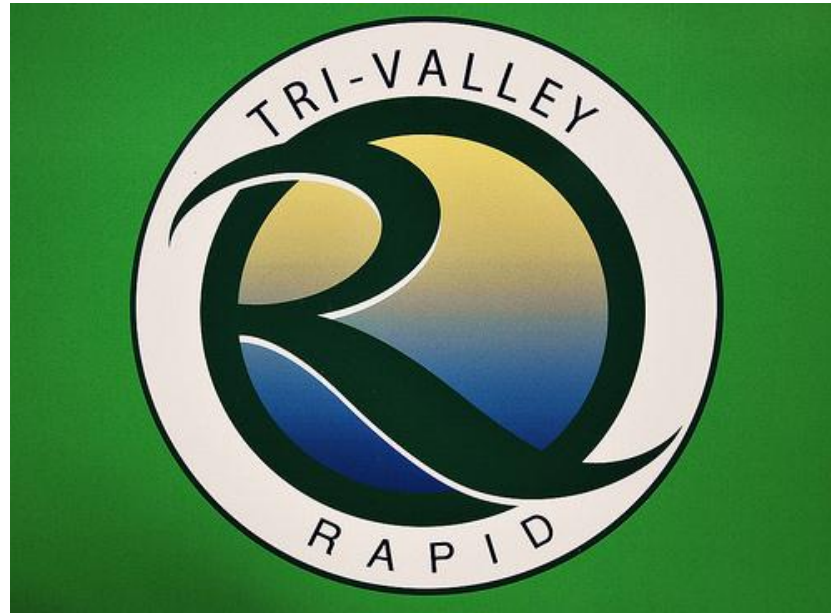
Livermore-Dublin, CA

Tri-Valley Rapid

Livermore Amador Valley Transit Authority (LAVTA, aka “Wheelsbus”)

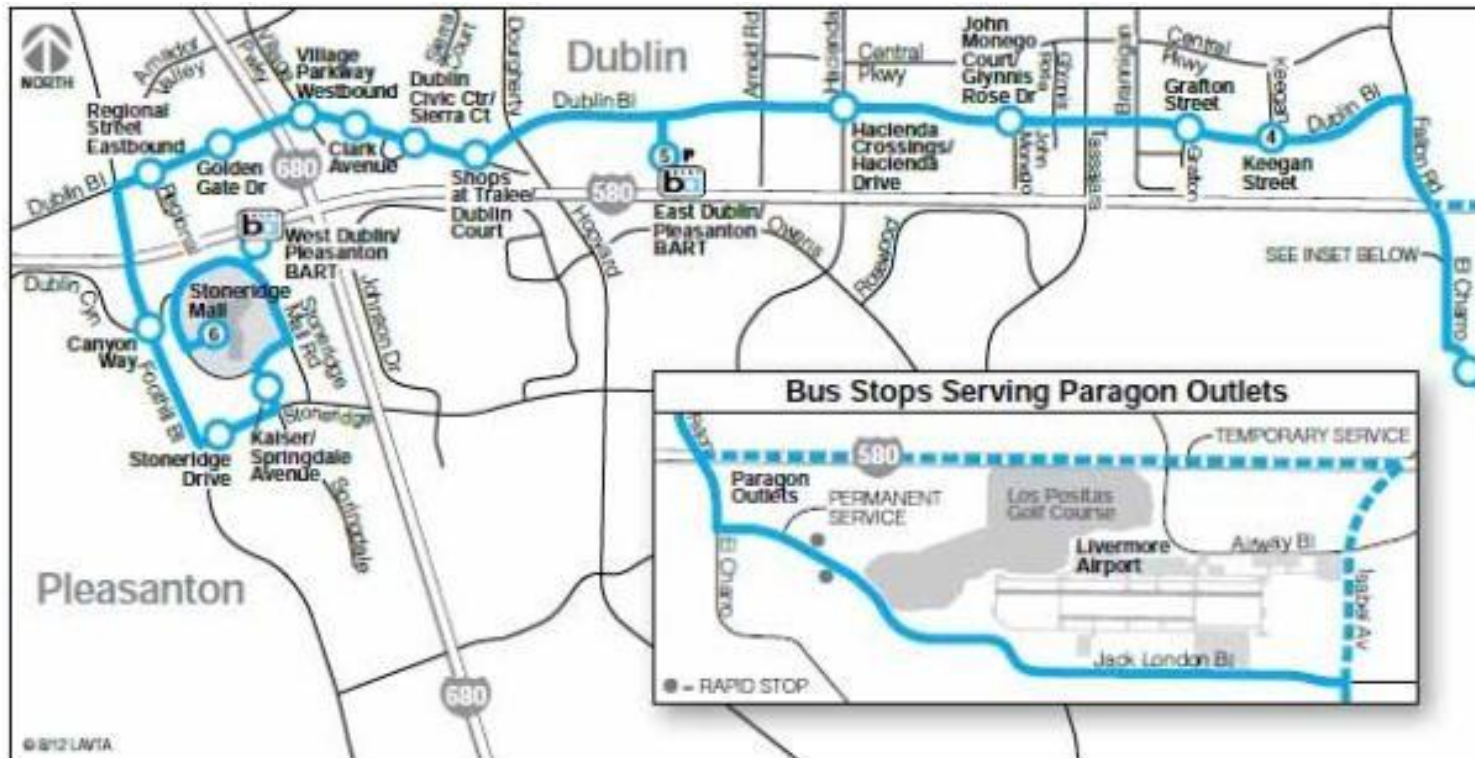
- Fleet: 71 buses
- Annual ridership: 1.9m
- Annual operating budget: \$14.1
- Dedicated funding source: state and local
- Summit County population: 200,000
(cities of Livermore, Dublin and Pleasanton)





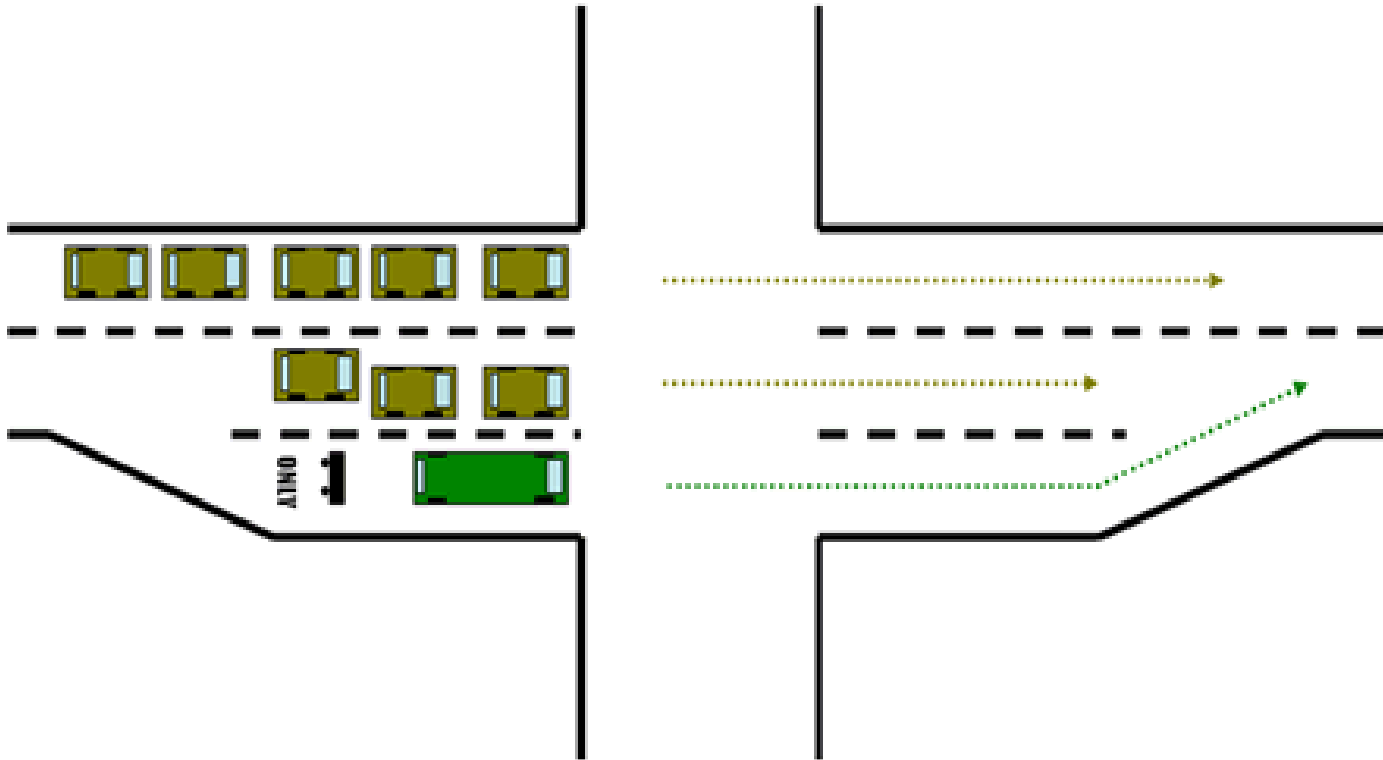
LAVTA: Tri-County Rapid

- Buses: 14
- Capital Cost: \$13m
- Annual Operating Cost: \$1.8





Queue Jump Lanes









Results

- Travel time: -27%
- Frequency: from 15 min. to 10 min.
- Ridership: +83% projected
(from 3,500 to 6,400)



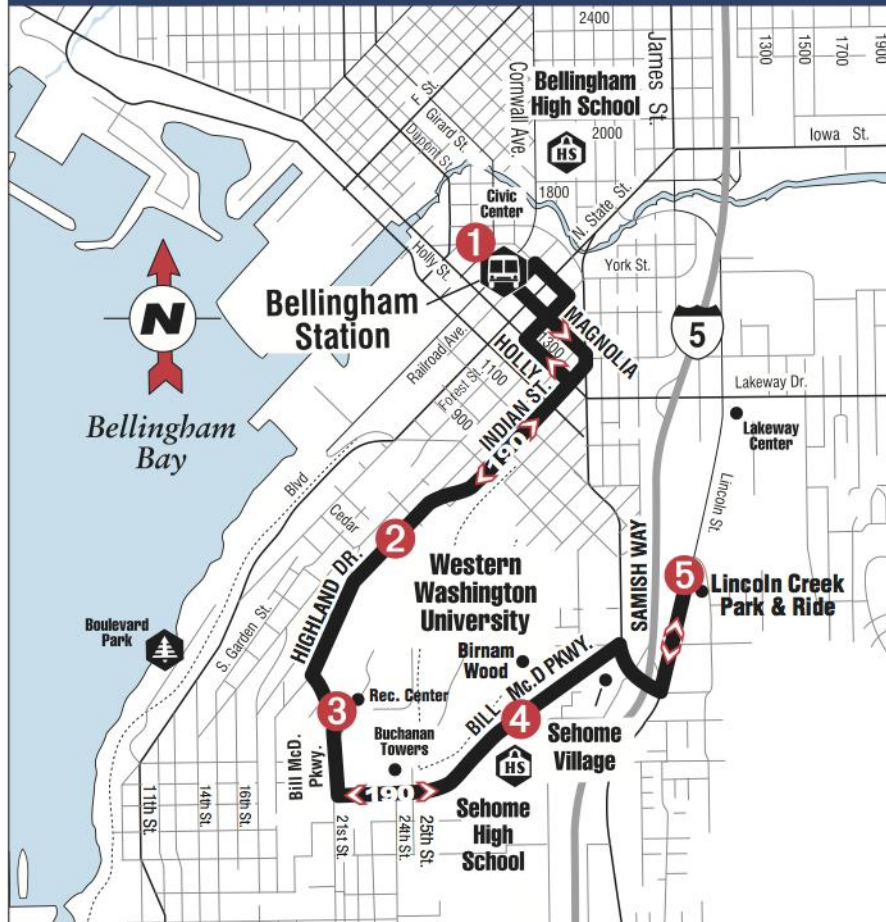
Bellingham, WA

GO Lines

Whatcom Transit Authority

- Fleet: 59 buses
- Annual ridership: 4.7m
- Annual operating budget: \$22.5m
- Dedicated funding source: sales tax (6/10 of 1%)
- Whatcom County population: 206,000
(Bellingham population: 81,100)

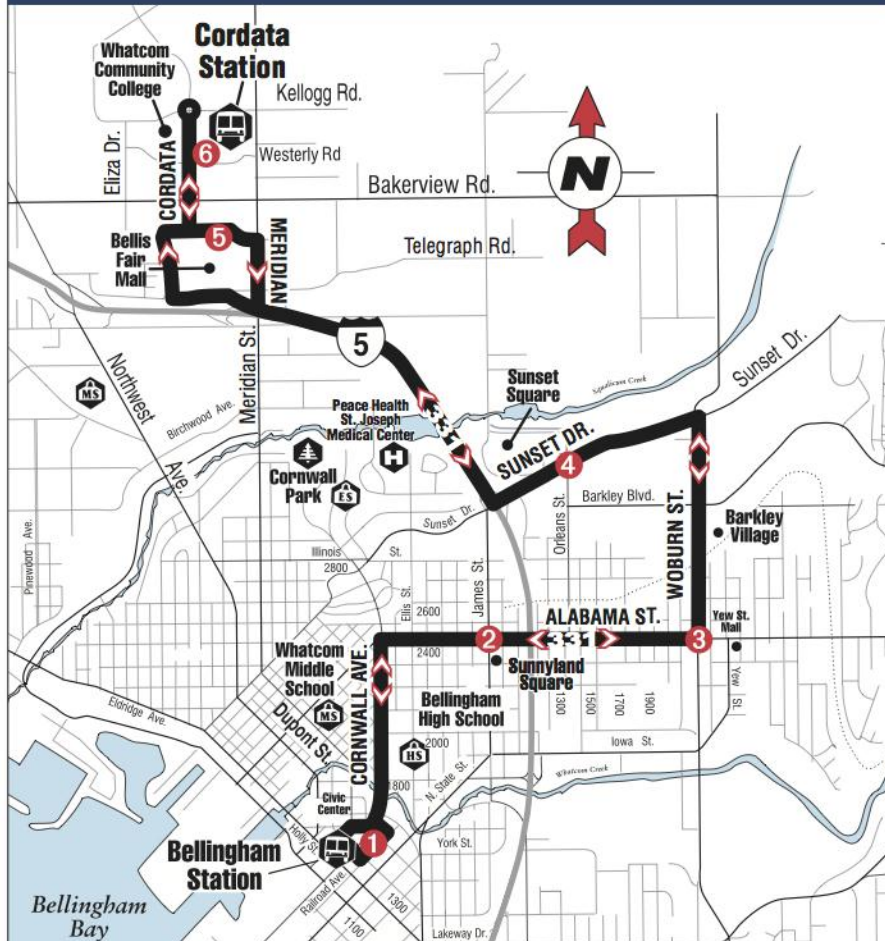
190 Lincoln Creek - via WWU
190 Downtown - via WWU



 Route 190 is part of the BLUE Line



331 Cordata/WCC - via Alabama/Sunset/Bellis Fair
331 Downtown - via Bellis Fair/Sunset/Alabama



Route 331 is the GOLD Line

















BUS RAPID TRANSIT: It's Not Just For Small Cities Anymore

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